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SEQUENCE LISTING

<110> BIOTHERAPIES, INC.

<120> EPITHELIAL CELL GROWTH INHIBITORS

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<140> PCT/US00/16900

<141> 2000-06-19

<150> 60/139,995

<151> 1999-06-18

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<170> PatentIn Ver. 2.1

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Ala Pro Gly Ala Pro Pro Val Ser Pro Arg Gly Ala Arg Gly Gly Xaa
 50 55 60

Arg Pro Cys Gly Pro Pro Val Lys Tyr His Tyr Ser Asp Arg Phe Thr
 65 70 75 80

Asp Pro Val Arg Arg Gly Gly Glu Pro Arg Gly Ala Leu Ala Ser Xaa
 85 90 95

Ala Lys Arg Pro Ala Ala Arg Arg Pro Gly Ala Thr Arg Ser Gly Xaa
 100 105 110

Ala Arg Trp Gly Val Xaa Leu Gly Arg Tyr Thr Cys Gln Thr Val Gln
 115 120 125

Val Ser Xaa Gly Glu Leu Arg Glu Asp Arg Asn Leu Pro Trp Ser Xaa
 130 135 140

Arg Ala Lys Ala Arg Leu Ile Leu Ile Phe Ser Thr Asn Thr Asp Xaa
 145 150 155 160

Ser Gly Ala Ser Arg Ser Phe Xaa Pro Phe Gly Phe Xaa Ala Gly Val
 165 170 175

Arg Lys Val Thr Thr Gly Ile Thr Gly Leu Trp Arg Pro Ser Val Xaa
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 Ser Asp Val Ala Phe Xaa Ser Phe Asp Val Gly Ser Ser Tyr His Xaa
 195 200 205
 Ala Glu Phe Thr Lys Arg Trp Ile Val His Pro Leu Ile Gly Asn Ser
 210 215 220
 Trp Asp Xaa Thr Val Val Arg Gln Val Ser Phe Thr Leu Leu Met Xaa
 225 230 235 240
 Cys Cys Cys His Gly Asn Pro Ala Gln Tyr Glu Arg Asn Arg Arg Xaa
 245 250 255
 His Leu Val Tyr Val Leu Gly Xaa Gly Ala Asn Gly Ala Lys Leu Ser
 260 265 270
 Val Gly Leu Xaa Leu Asn Ala Ser Lys Ser Glu Ser Arg Pro Gly Xaa
 275 280 285
 Thr Ile Arg Gln Arg Arg Gly Ala Ser Val Gly Leu Gly Xaa Pro Xaa
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 Arg Leu Ser Pro Pro Ala Gly Arg Pro Pro Leu His Ala Pro Arg Arg
 305 310 315 320
 Gly Arg Ala Arg Ala Pro Pro Arg Ala Gly Thr Gly Val Arg Cys Xaa
 325 330 335
 Val Pro Phe Val Leu Gly Asn Gly Ala Arg Pro Glu Arg Arg Pro Xaa
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 Arg Pro Ser Arg Thr Ala Arg Ser Trp Gly Thr Trp Arg Thr Ser Ile
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 Ser Ser Pro Gln Pro Gly Lys Leu Arg Ser Pro Phe Leu Gln Xaa Gln
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 Cys Leu Val Gln Ala Glu Glu Glu Ala Val Tyr Glu Glu Pro Xaa Glu
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Gln Glu Thr Phe Tyr Glu Gln Pro Pro Leu Val Gln Gln Gln Xaa Gly
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 Ser Glu His Ile Asp His His Ile Gln Gly Gln Gly Leu Ser Gln Gly
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 Leu Cys Ala Arg Ala Leu Tyr Asp Tyr Gln Ala Ala Asp Asp Xaa Glu
 465 470 475 480
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 485 490 495
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 Asn Tyr Val Glu Leu Ile Glu Xaa Gly Xaa Gly His Ile Leu Xaa Phe
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 Ser Pro Glu Trp Pro Leu Pro Ser Cys Gly Glu Gly Ser Xaa Xaa Gly
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 Ala Ser Gly Arg Leu Trp Leu Pro Ser Ala Phe Ile Cys Leu Xaa Phe
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 Ser Leu Ala Ser Lys Gly Trp Trp Pro Pro Leu Phe Arg Met Leu Gly
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 Asn Ser Glu Arg Arg Glu Leu Phe Leu Ala Glu Phe Val Thr Xaa Val
 660 665 670
 Arg Val Asp His Gly Gly Leu Ala Ala Gly Asn Leu Ser Cys Xaa Leu
 675 680 685

Leu Cys Ala Pro His Ser Ile Ser Leu Ser Leu Cys Leu Gly Gly Lys
690 695 700

Trp Gly Cys Arg Trp Pro Ser Ser His Pro Gly Tyr Ser Lys Xaa Ala
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Asp Thr Thr Cys Ser Ser Thr Arg Leu Thr Arg Cys Leu Gln Xaa Val
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35 40 45

Thr Asp Pro Val Arg Arg Gly Gly Glu Pro Arg Gly Ala Leu Ala Gly
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Ala Lys Arg Pro Ala Ala Arg Arg Pro Gly Ala Thr Arg Ser Gly Xaa
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Ser Ala Arg Trp Gly Val Xaa Leu Gly Arg Tyr Thr Cys Gln Thr Xaa
85 90 95

Gln Val Ser Xaa Gly Glu Leu Arg Glu Asp Arg Asn Leu Pro Trp Arg
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 Glu Ser Gly Ala Ser Arg Ser Phe Xaa Pro Phe Gly Phe Xaa Ala Xaa
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 Val Arg Lys Val Thr Thr Gly Ile Thr Gly Leu Trp Arg Pro Ser His
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 Arg His Leu Val Tyr Val Leu Gly Xaa Gly Ala Asn Gly Ala Lys Xaa
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 Ser Val Gly Leu Xaa Leu Asn Ala Ser Lys Ser Glu Ser Arg Pro Gly
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 Thr Ile Arg Gln Arg Arg Gly Ala Ser Val Gly Leu Gly Xaa Pro Xaa
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 Pro Arg Leu Ser Pro Pro Ala Gly Arg Pro Pro Pro Ser Thr Arg Xaa
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 Arg Ala Gly Gly Arg Val Pro Arg Arg Ala Pro Gly Pro Gly Ser Ala
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 Glu Cys Pro Ser Ser Trp Glu Thr Gly Arg Gly Arg Lys Gly Gly Xaa
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 Pro Leu Ala Arg His Ala Pro His Val Arg Ala Arg Ala Glu Phe Xaa
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 Ser Ser Thr Ile His Asn Arg His Thr Ser Ala Cys Ile Phe Met Xaa
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Xaa Ile Leu Phe Leu Trp Val Asp Ile Gln Xaa Trp Asp Cys Xaa Xaa
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 Arg Met Val Trp Arg Asn Ala Pro His Xaa Tyr Pro Pro Phe Thr Xaa
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 Leu Leu Gln Asn Asp Phe Lys Gly Tyr Arg Tyr Leu Gln Val Ser Xaa
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Xaa Ser Thr Gly Glu Xaa Xaa Leu Ile Pro Val Ile Leu Ala Leu Xaa
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His Gly Glu Thr Leu Ser Leu Gln Lys Asn Thr Lys Ile Xaa Pro Xaa
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Val Leu Ala His Thr Cys Ser Leu Ser Tyr Ser Glu Gly Xaa Gly Xaa
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Ile Asp Xaa Ala Gln Glu Val Glu Ala Ala Val Arg Xaa Asp Ala
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Ile Ala Leu Gln Pro Gly Xaa Glu Arg Glu Thr Leu Ser Gln Lys Xaa
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Lys